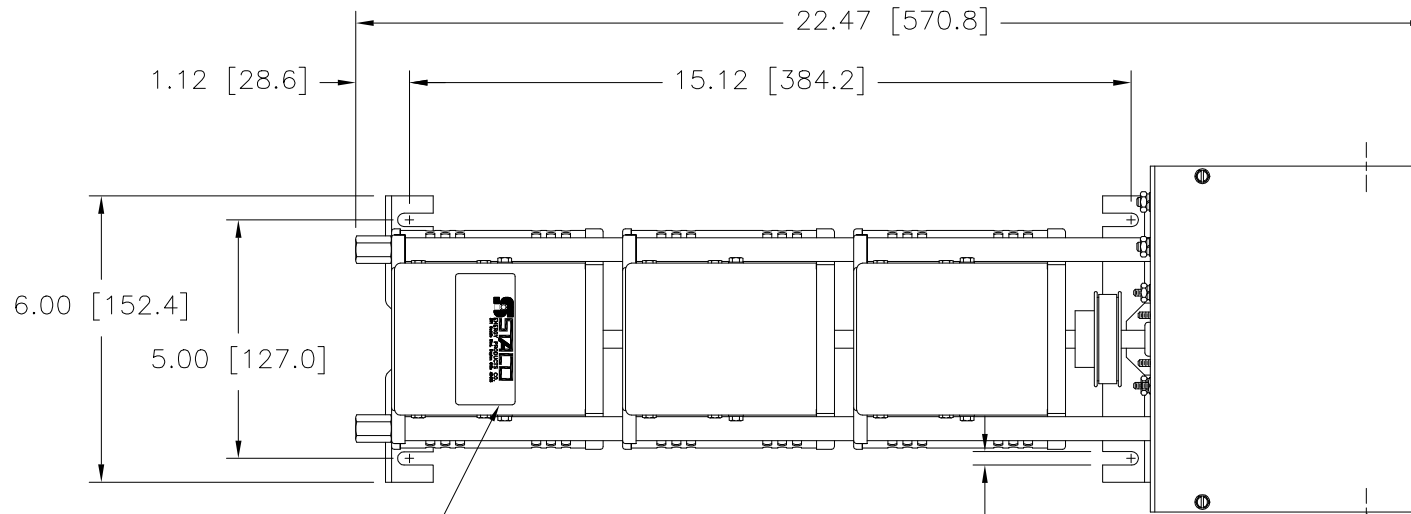


(4) STANDOFFS TAPPED  
 1/4-28 X .38 [9.5] DEEP  
 FOR MOUNTING BOLTS

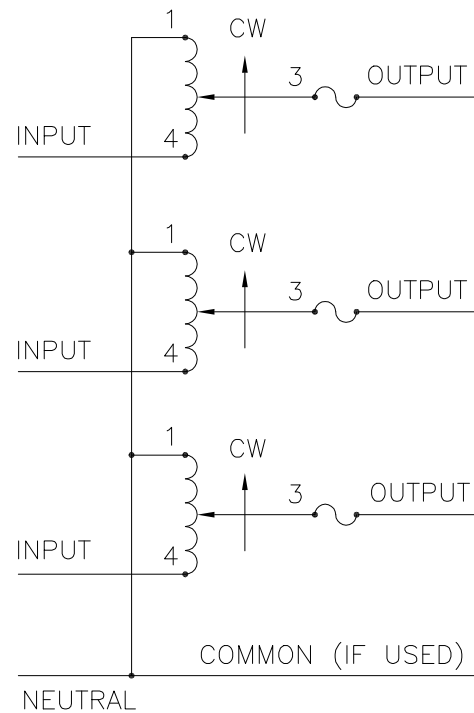
.88 [22.2] DIA. KNOCKOUT  
 (6) PLACES FOR  
 WIRING CONNECTIONS



NAMEPLATE

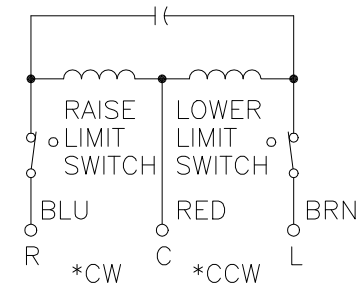
.28 [7.1]  
 (4) PLACES FOR  
 CUSTOMER MOUNTING

.88 [22.2] DIA. KNOCKOUT  
 (4) PLACES FOR  
 MOTOR CONNECTIONS



SCHEMATIC

FUSE RECOMMENDED BUT NOT SUPPLIED



MOTOR CIRCUIT  
 120V, 50/60 HZ  
 \* ROTATION AS VIEWED  
 FROM MOTOR END  
 MOTOR SPEED: SEE CHART

- ++ LINE TO LINE VOLTAGE
- + MOTOR DRIVEN UNITS USE TERMINAL CONNECTIONS FOR CCW INCREASING VOLTAGE, AS VIEWED FROM BASE END.
- π IF GANGED UNITS ARE USED IN A SYSTEM THAT ORDINARILY HAS A COMMON NEUTRAL OR GROUND BETWEEN SOURCE AND LOAD, THE NEUTRAL OR GROUND MUST BE CONNECTED TO THE COMMON TERMINALS OF THE VARIABLE TRANSFORMER ASSEMBLY. IF THE SYSTEM HAS NO NEUTRAL, THE LOAD MUST BE BALANCED OR THE TRANSFORMERS WILL BE DAMAGED.
- JUMPER PROVIDED IN THE STANDARD COMMON POSITION AND SHOULD BE MOVED OR REMOVED AS REQUIRED.

SPEED (SECONDS)	MODEL NUMBER
5	5M1220BCT-3
15	15M1220BCT-3
30	30M1220BCT-3
60	60M1220BCT-3

WIRING	INPUT		OUTPUT				SHAFT ROTATION TO INCREASE VOLTAGE	TERMINAL CONNECTIONS			
	VOLTS	HERTZ	VOLTS	CONSTANT CURRENT LOAD		CONSTANT IMPEDANCE LOAD		FOR INCREASING VOLTAGE AS VIEWED FROM BASE END +			
				MAX. AMPS	MAX. KVA	MAX. AMPS		MAX. KVA	INPUT	JUMPER ■	OUTPUT
THREE PHASE WYE π	480 ++	60	0-480	5.0	4.16	7.0	5.82	CW	1-1-1	4-4-4	3-3-3
								CCW	4-4-4	1-1-1	3-3-3

UNLESS OTHERWISE SPECIFIED, TOLERANCE IS # DECIMALS .XX .XXX .006 .002 .005 HOLES .002 ANGLES 1° DRAFT 1-1/2° UNITS IN [mm] TITLE: SPEC. CONTROL DRAWING MOTORIZED VARIABLE XFMR MODEL: M1220BCT-3

MATERIAL: ALL DIMENSIONS APPLY AFTER PLATING

DRWN BY S.A. SMITH DATE 9/26/97 FIRST USED ON DO NOT SCALE DWG. CUSTOMER APPROVAL DATE

CHECKER DATE WEIGHT APPROX. 42 LBS CODE IDENT. NO. 83008 DWG. NO. 031-3520

ENGINEER DATE SCALE .50=1 SHEET 1 OF 1

STACO ENERGY PRODUCTS CO. A COMPONENTS CORPORATION OF AMERICA COMPANY DAYTON, OHIO U.S.A.